

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067868.D
 Acq On : 03 Dec 2020 15:22
 Operator : VA/SY
 Sample : L4910-01
 Misc : 6.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B47-113020-0-1

Quant Time: Dec 04 01:54:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	223628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	315558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	292922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	143604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	116682	48.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.20%
35) Dibromofluoromethane	7.92	113	58490	27.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.40%
50) Toluene-d8	10.34	98	359623	47.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.62%
62) 4-Bromofluorobenzene	12.64	95	118869	45.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.46%

Target Compounds

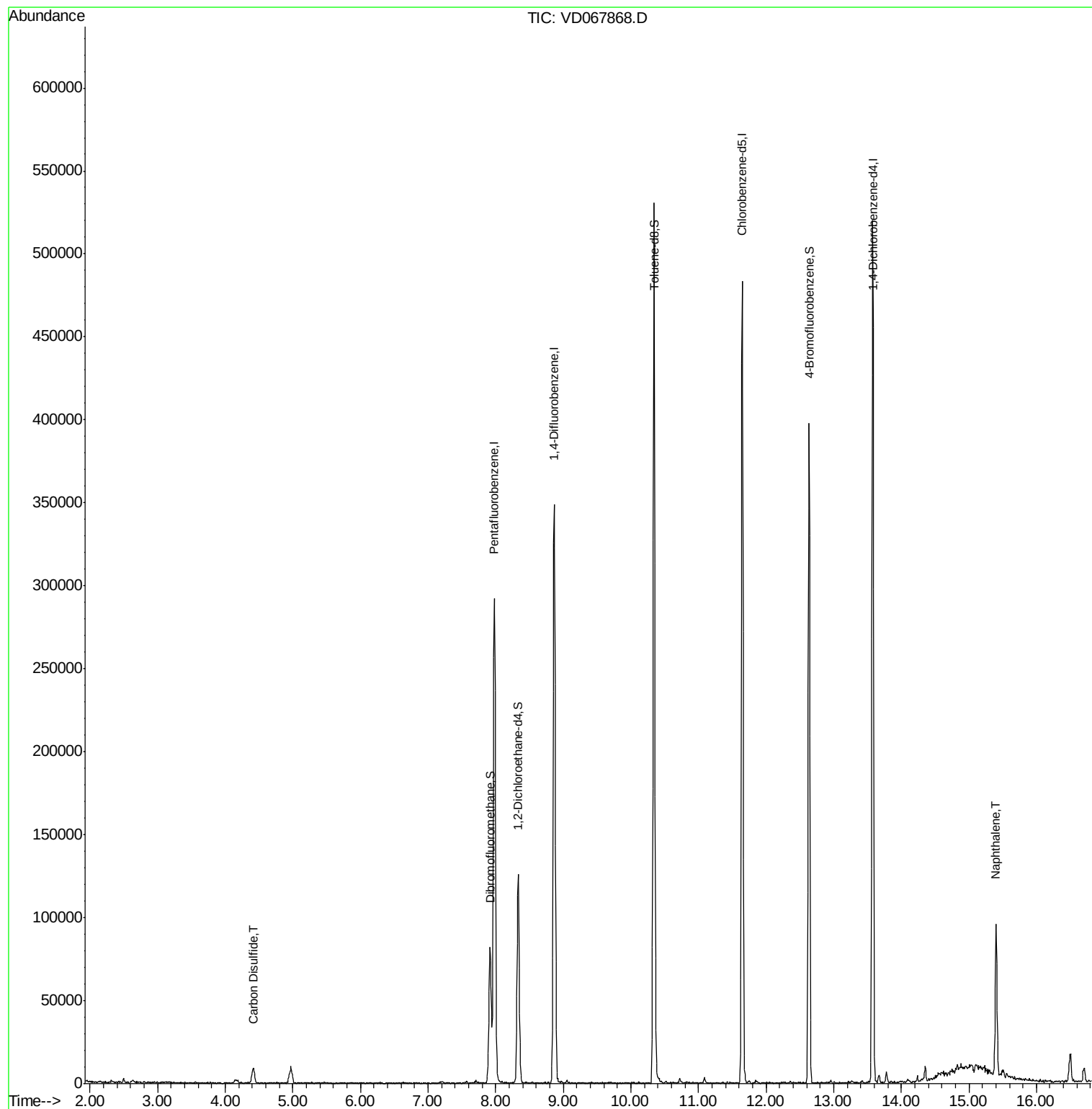
					Qvalue
17) Carbon Disulfide	4.42	76	19999	3.865 ug/l	96
95) Naphthalene	15.41	128	85222	18.228 ug/l	99

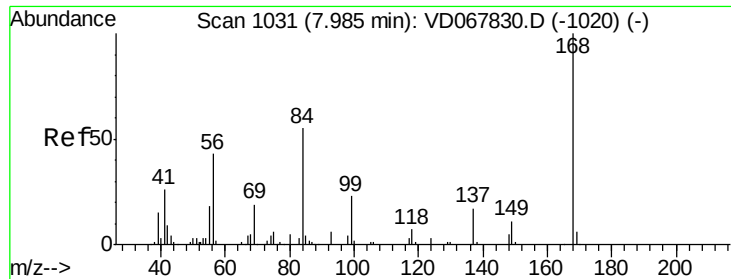
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067868.D

Acq: 03 Dec 2020 15:22

Instrument :

MSVOA_D

ClientSampleId :

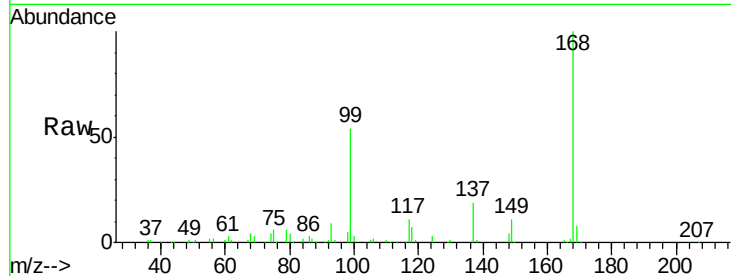
PAV-B47-113020-0-1

Tot Ion:168 Resp: 223628

Ion Ratio Lower Upper

168 100

99 54.2 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

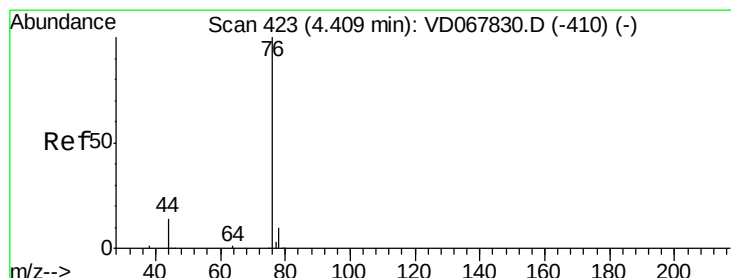
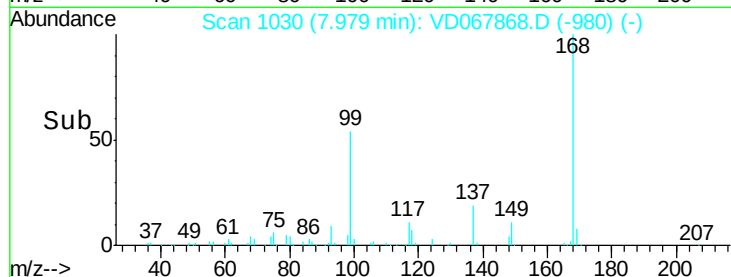
60000

40000

20000

0

Time-->



#17

Carbon Disulfide

Concen: 3.865 ug/l

RT: 4.42 min Scan# 425

Delta R.T. 0.01 min

Lab File: VD067868.D

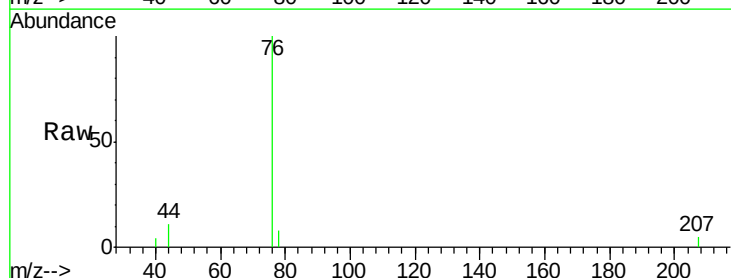
Acq: 03 Dec 2020 15:22

Tgt Ion: 76 Resp: 19999

Ion Ratio Lower Upper

76 100

78 8.3 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.42

8000

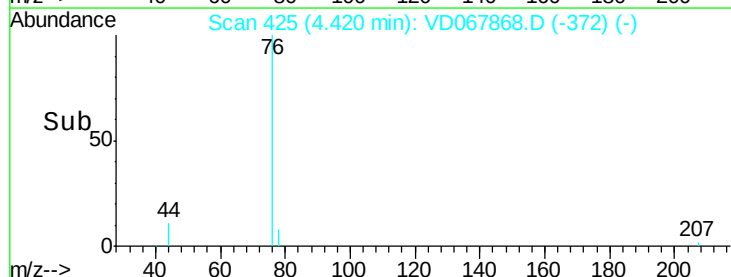
6000

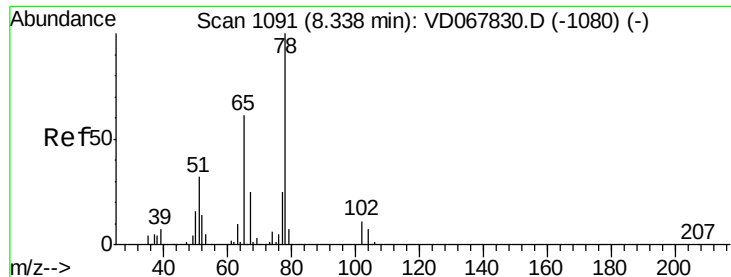
4000

2000

0

Time-->

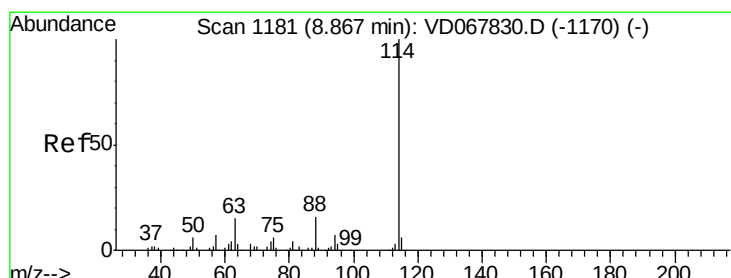
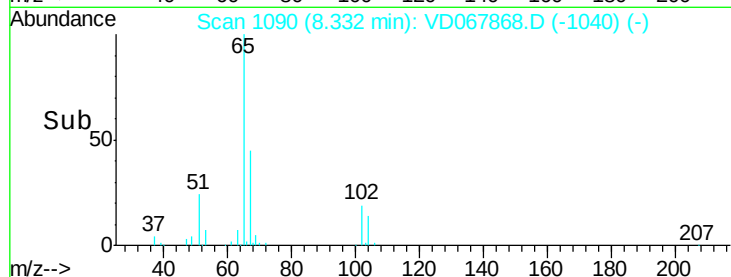
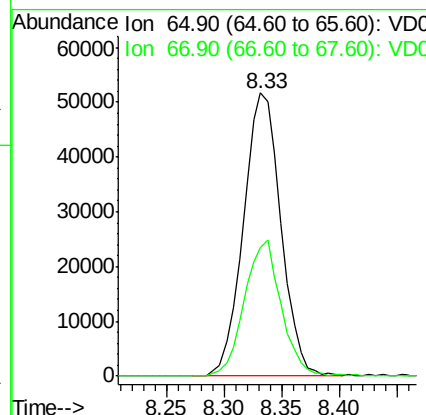
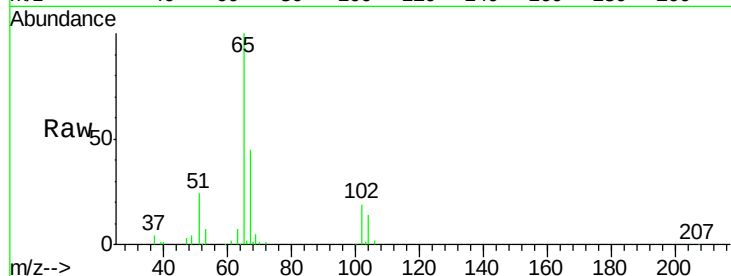




#33
 1,2-Dichloroethane-d4
 Concen: 48.603 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067868.D
 Acq: 03 Dec 2020 15:22

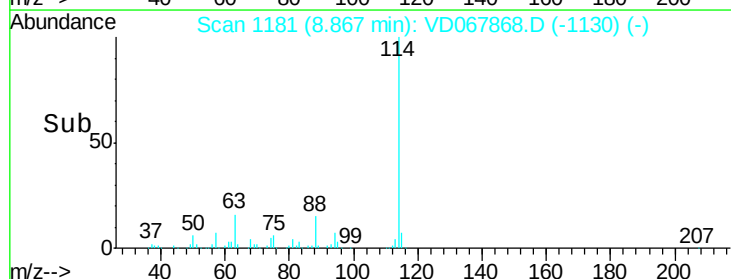
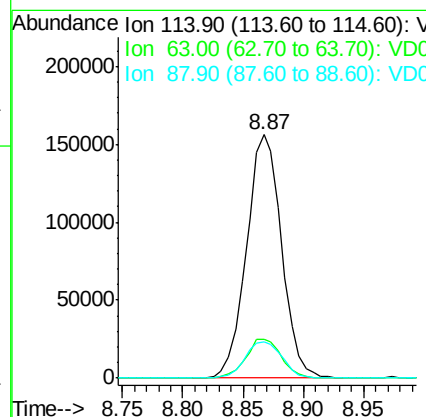
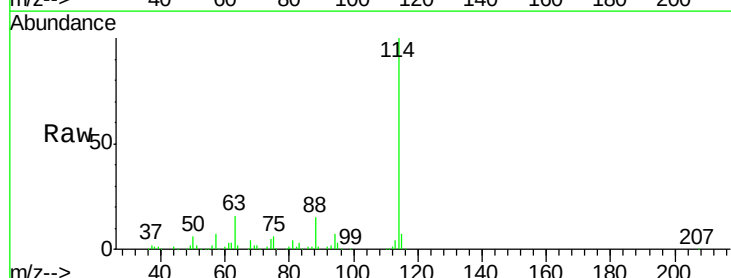
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B47-113020-0-1

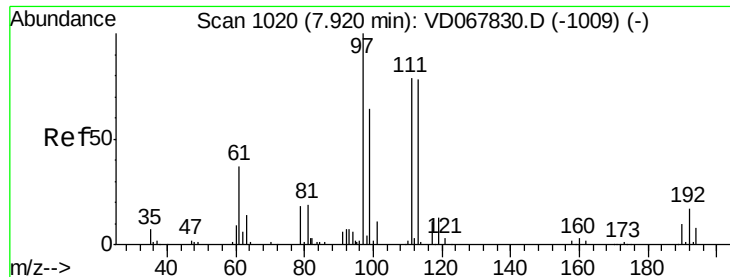
Tot Ion: 65 Resp: 116682
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067868.D
 Acq: 03 Dec 2020 15:22

Tgt Ion: 114 Resp: 315558
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 30.8
 88 14.9 0.0 31.8

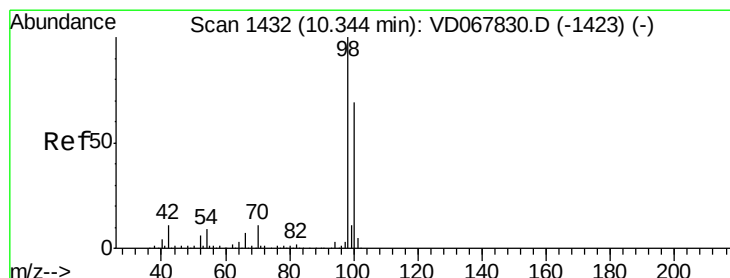
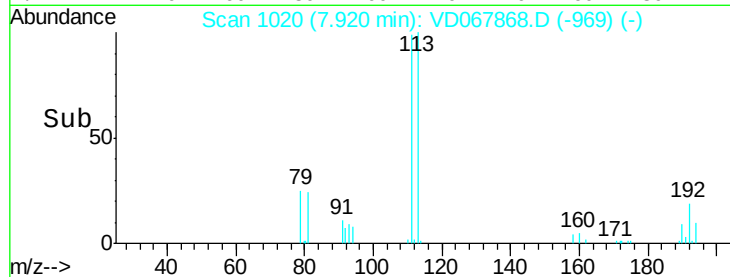
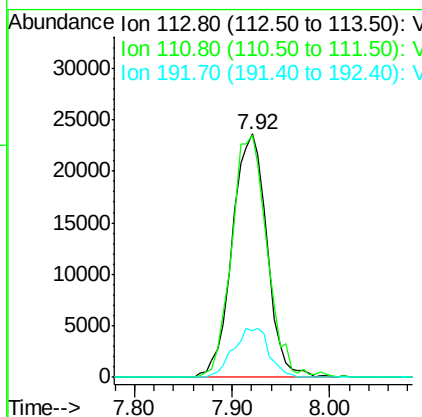
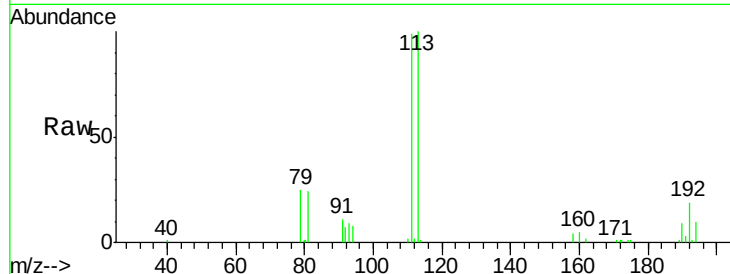




#35
 Dibromofluoromethane
 Concen: 27.700 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067868.D
 Acq: 03 Dec 2020 15:22

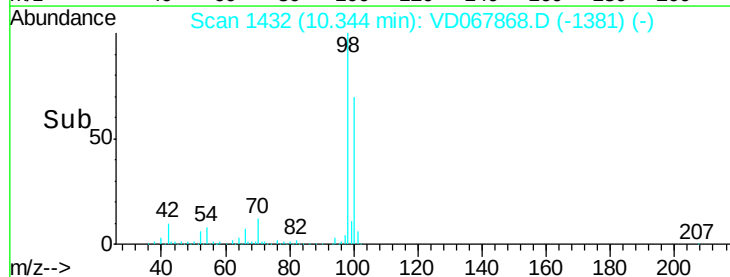
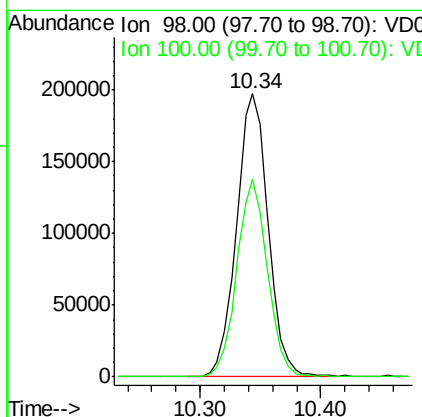
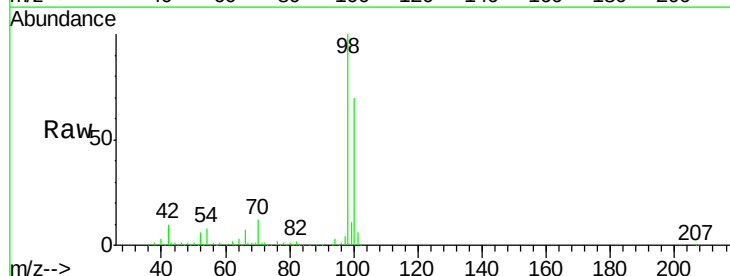
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B47-113020-0-1

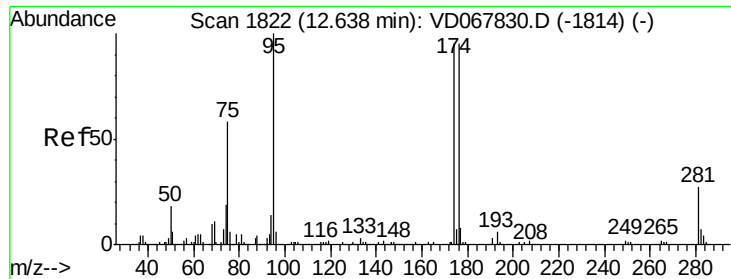
Tot Ion:113 Resp: 58490
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 20.7 16.8 25.2



#50
 Toluene-d8
 Concen: 47.312 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067868.D
 Acq: 03 Dec 2020 15:22

Tgt Ion: 98 Resp: 359623
 Ion Ratio Lower Upper
 98 100
 100 68.0 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 45.233 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067868.D

Acq: 03 Dec 2020 15:22

Instrument :

MSVOA_D

ClientSampleId :

PAV-B47-113020-0-1

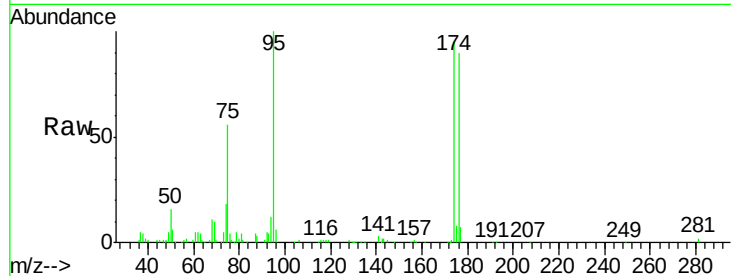
Tot Ion: 95 Resp: 118869

Ion Ratio Lower Upper

95 100

174 96.1 0.0 186.0

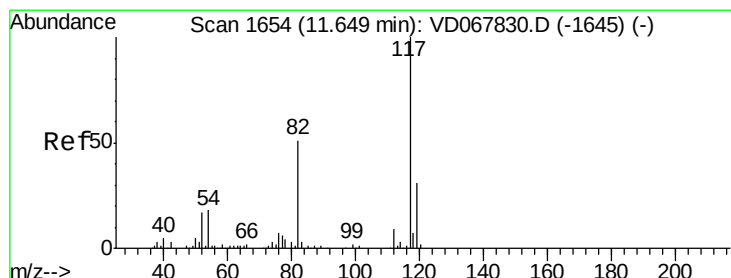
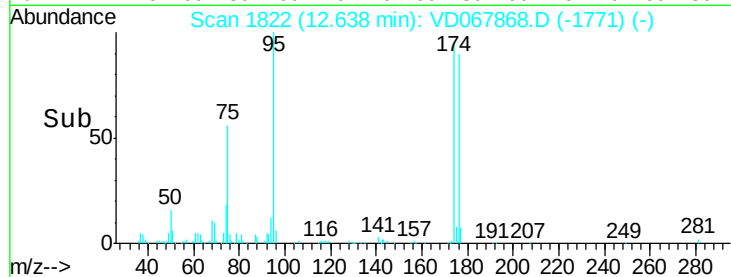
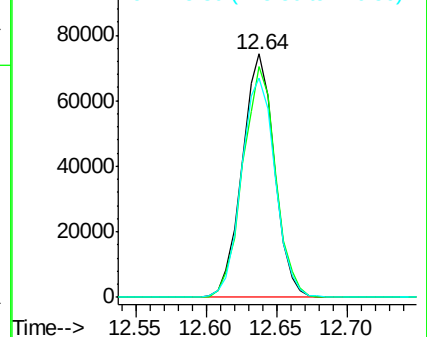
176 94.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD067868.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD067868.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD067868.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067868.D

Acq: 03 Dec 2020 15:22

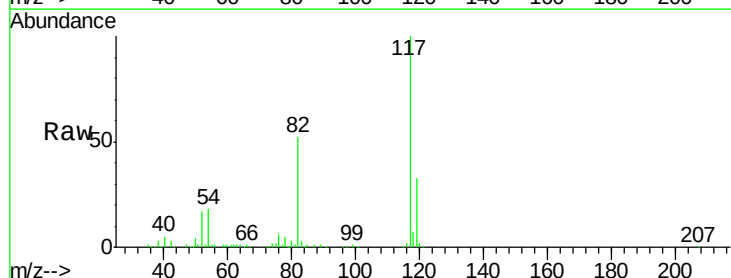
Tgt Ion: 117 Resp: 292922

Ion Ratio Lower Upper

117 100

82 52.3 40.6 60.8

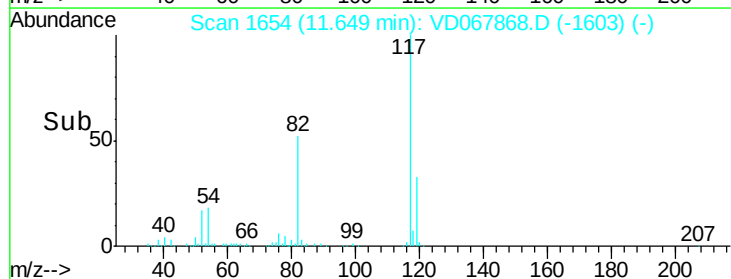
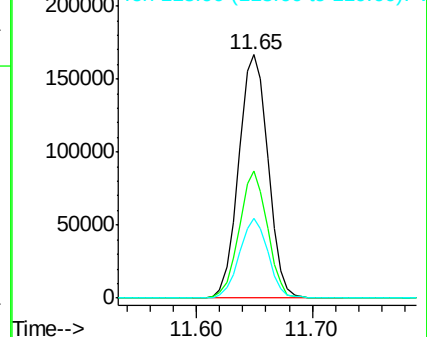
119 32.6 25.1 37.7

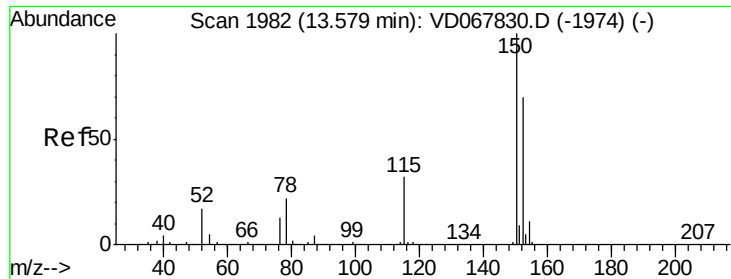


Abundance Ion 116.90 (116.60 to 117.60): VD067868.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD067868.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD067868.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067868.D

Acq: 03 Dec 2020 15:22

Instrument :

MSVOA_D

ClientSampleId :

PAV-B47-113020-0-1

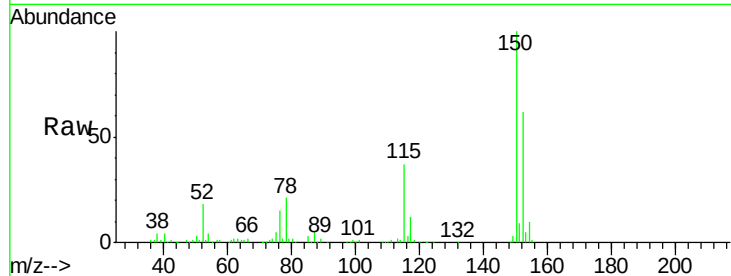
Tot Ion:152 Resp: 143604

Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.4

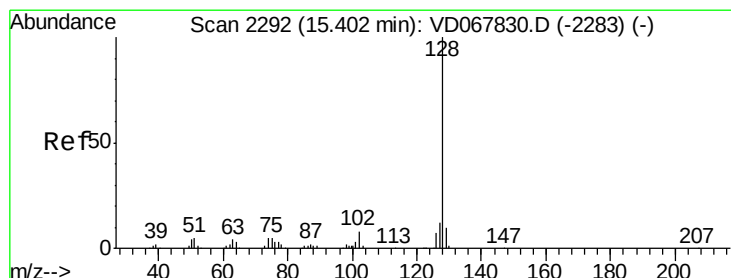
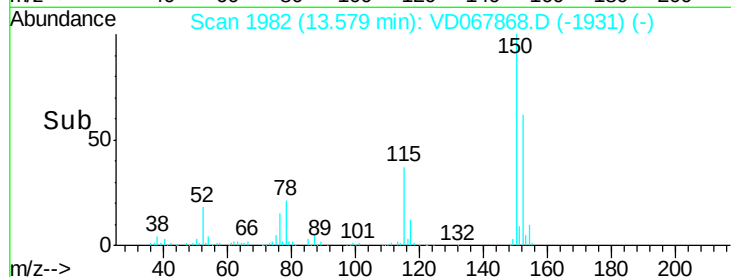
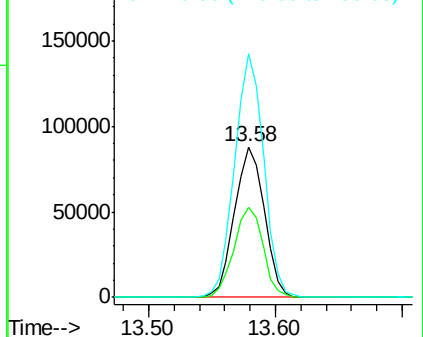
150 157.3 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 18.228 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD067868.D

Acq: 03 Dec 2020 15:22

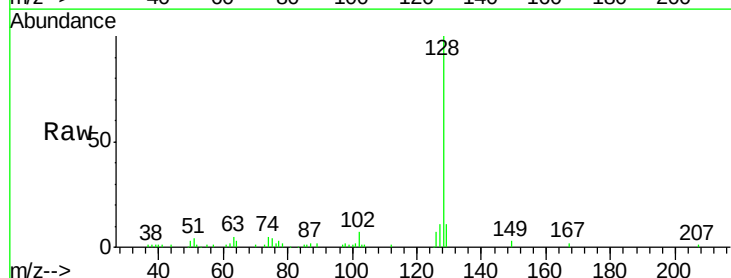
Tgt Ion:128 Resp: 85222

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.7 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

